

Overview of Joint IEPR and Renewables Committee Workshop on Biopower in California



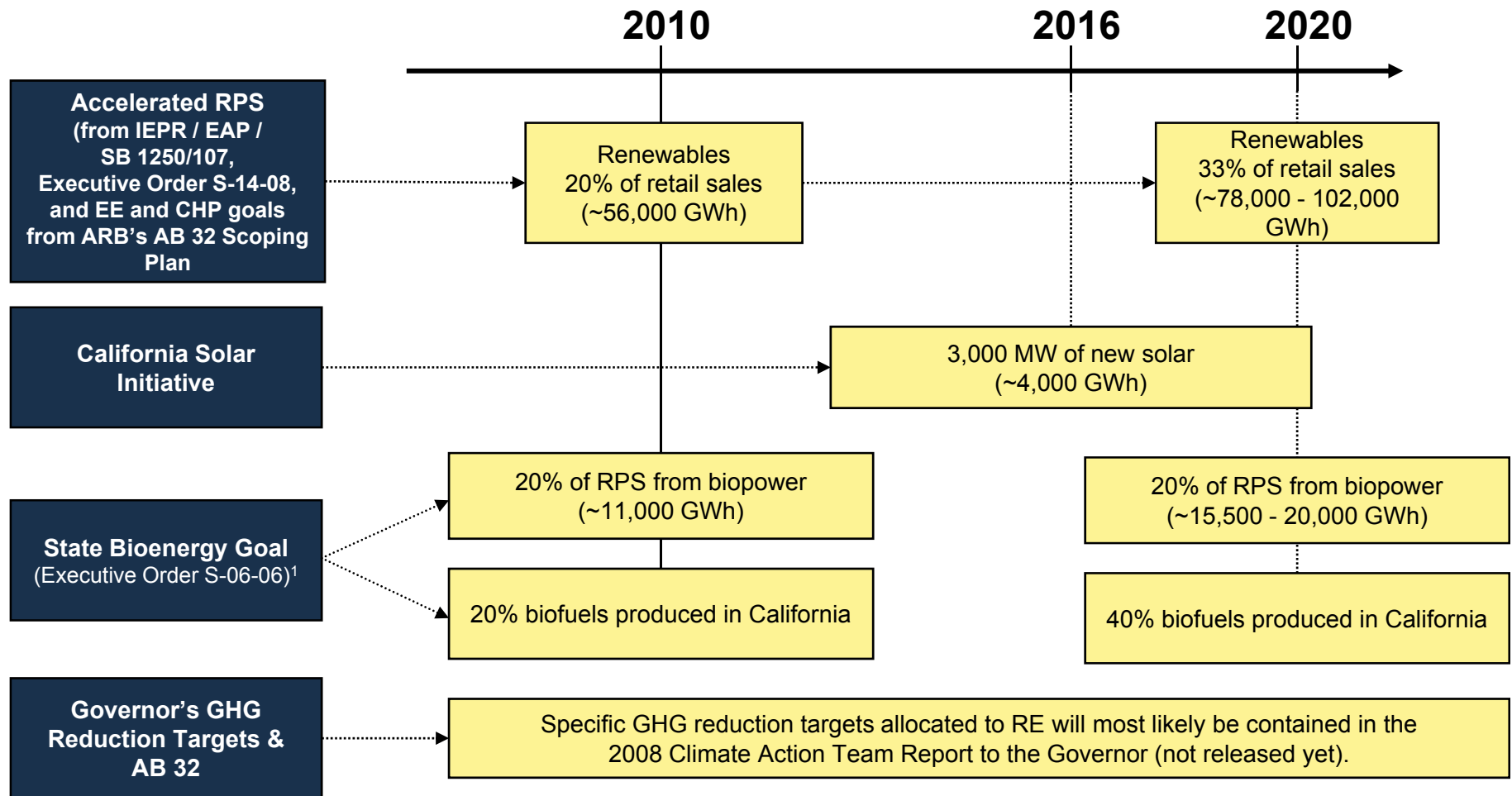
Jason Orta

**Renewable Energy Program
California Energy Commission**

April 21, 2009



CA's Key Renewable Energy Policy



¹ Executive Order S-06-06 could be downloaded at <http://gov.ca.gov/index.php?/print-version/executive-order/183/>.

Note: The roadmap also considered detailed policy guidance as stated in the IEPR.

Biopower in the 2009 IEPR Scoping Plan



- According to the 2009 Integrated Energy Policy Report Committee's Scoping Order¹, the 2009 IEPR will include a discussion of the following:
 - Discuss progress toward meeting 20 percent of the state's Renewables Portfolio Standard targets with biomass technologies.
 - Identify barriers to meeting that goal, including potential competition for feedstocks between the electricity and transportation sectors.
 - Report on ongoing activities and progress in identifying and securing federal and state funding for research, development, and demonstration projects to advance the use of biomass resources for electricity generation.

¹ The scoping order for the 2009 Integrated Energy Policy Report could be downloaded from the California Energy Commission's website at http://www.energy.ca.gov/2009_energy_policy/notices/2009-01-09_SCOPING_ORDER.PDF.



Workshop Goals

- Biopower's current role in meeting California's Renewable Portfolio Standard.
 - The Existing Renewable Facilities Program
 - Eligible resources.
- Discussion of obstacles to meeting the Governor's Executive Order S-06-06.
 - Costs of solid-fuel biomass feedstocks
 - Permitting
 - Competition between transportation, electricity, and waste management sectors.
- Potential for expanded use of:
 - Biogas applications
 - Co-firing solid-fuel biomass with coal

Workshop Agenda



- Public input on questions provided with workshop notice.
- Existing and potential biopower contributions to the Renewable Portfolio Standard.
- Biogas technologies for electricity generation: challenges and opportunities for increasing the recovery of biogas for RPS compliance.
- Solid fuel biomass feedstocks from landfills and forests.
- Co-firing solid-fuel biomass at coal power plants.
- There will be stakeholder comment periods after each of these topics. When providing comments, please focus on solutions that could be undertaken by the California Energy Commission.

Additional Information



**Please Submit Written Comments by May 5th at 5 PM.
Please include docket number 09-IEP-1G and email
them to docket@energy.state.ca.us.**

Jason Orta
California Energy Commission
(916) 653-5851
jorta@energy.state.ca.us